

A Fault-Tolerant Mobile Agent for a Computer Network

Abstract of the Disclosure

The invention is directed to a method of operating a mobile agent that travels through a network of a number of computers. The mobile agent is executed in a sequence of stages wherein each stage comprises a set of places. The method comprises the steps of executing the mobile agent in at least one of the set of places of a respective one of the stages, evaluating in which place of the respective stage the mobile agent has been executed successfully, agreeing on this place among the set of places, aborting and/or undoing any operation in connection with the mobile agent in any other place of the respective stage, and moving the modified mobile agent resulting from the successful execution to the next stage.